

# INDEX

## ORIGINAL COMMUNICATIONS.

- A.
- A Brief Consideration of the Pyogenic Diseases of the Brain of Otitic Origin—McKernon ..... 10
- A Case of Carcinoma of the Naso-Pharynx and Sphenoid Region Which Responded Favorably to the use of Radium—Yankauer.....363
- A Case of Hare-Lip Operated by a New Method—Carter.....303
- A Case of Intra-Nasal Sarcoma—Aufmwasser .....658
- A Case of Labyrinthine Deafness With "Tone Island"—Shambaugh .....343
- A Case of Osteo-Chondroma of the Septum, with Extensive Absorption of the Cribriform Plate, Tumor Extending into the Cranial Cavity, Sphenoidal and Ethmoidal Cells—Myles ..... 981
- A Case of Primary Cancer of the Epipharynx—Klaer .....656
- A Case of Primary Epithelioma of the Maxillary Antrum—Kopetzky .....360
- A Case of Severe Primary Hemorrhage Following the Removal of the Faucial Tonsil—Stein.....387
- A Case of Sub-Glottic Papilloma Cured by Laryngo-Tracheal Flis-sure—A case of Branchio-Genetic Cyst—Harris .....651
- A Case of Unchanged Boy's Voice in a Man Which Was Made Normal by Singing Exercises—Holt.....389
- A Consideration of the "Herd" Theory as an Etiological Factor in Ozena—Theisen .....417
- A Consideration of the Intra-Cranial Complications of Suppurative Otitis Media—Thompson .....535
- A Foreign Body Extractor—Jackson .....579
- A Method of Preventing Hemorrhage During Adenectomy—Iglauer .....382
- A New Apparatus for the Administration of Ether—Rupert .....662
- A New Bronchoscope—Jackson .....214
- A New Flap in the Radical Operation—Leland .....917
- A New Nasal Septal Forceps—Goldstein .....391
- A New Procedure for Correction of the Saddle Nose—Waxham .....394
- A Plea for Conservatism in the Treatment of Chronic Empyema of the Maxillary Sinus—Moore.....275
- A Report of a Case of Fibro-Myxoma Involving the Left Superior Maxilla, Including the Alveolus, Floor, Anterior and Posterior Walls, and of Seven Years' Duration—Haskin .....107
- A Report of Three Cases of Laryngeal Growths Removed by Direct Laryngoscopy—McCoy .....560
- A Severe Case of Tuberculosis of the Tonsils, The Pillars, Uvula, Pharynx and Naso-Pharyngeal Cavity Quickly and Permanently Cured by Methylene Blue—Bobone .....304
- A Suggestion as to the Probable Function of the Malleus, Incus and Stapes—Greenberg .....169
- A Sub-Mucous Operation for the Reduction of Hypertrophied Turbinals—Linhart .....128
- Abscess, Report of a Case of Extra-Dural—Jones .....557
- Accessory Thyroid at Base of Tongue—Perkins .....293
- Adenectomy, A Method of Preventing Hemorrhage During—Iglauer .....382
- Adenectomy, and a Perfected Curette, The Technique of—Stubbs .....719
- American Laryngological, Rhinological and Otological Society, President's Address .....207

## ORIGINAL COMMUNICATIONS.—Continued.

- An Intra-Nasal Method for Opening the Frontal Sinus Establishing the Largest Possible Drainage—Good .....266
- An Irrigating Apparatus—Brawley.....664
- An Original Method of Opening the Antrum of Highmore Intranasally with Exhibition of New Instrument—Vail ..... 38
- An Unrecognized Foreign Body in the Larynx—Martinez .....366
- Anesthesia in Tonsil and Adenoid Operations, The Status Lymphaticus, with Particular Reference to—Roberts .....724
- Angio-Myxo-Sarcoma of the Larynx, With Expulsion of Large Tumor, Report of a Case of—Gantt .....738
- Angio-Neurotic Edema of the Larynx and Soft Palate, Report of a Case of Probable Persistent—Halsted .....921
- Atrophic Rhinitis and Ozena—Rice .....435
- Atrophic Rhinitis Including Ozena, The Treatment of—Myles .....426
- Atrophic Rhinitis With Ozena, The Pathology of—Kyle .....423
- Atrophic Rhinitis, The Treatment of—Richards .....429
- Aufmwasser, A Case of Intra-nasal Sarcoma .....658
- Aural Discharge as Diagnostic Factors in Cases of Mastoid Involvement, The Value of Differential Blood Count and of the Bacteriological Examination of the—Dench ..... 958
- Auricular Abscess, The Simulation of Mastoid Disease by Furuncle of the External Meatus and Peri—Gradle .....599
- B.**
- Ballenger, The "Vicious Circle" of the Nose.—The Rationale of Sinus Inflammations and Their Treatment .....182
- Baratoux, Laryngostomy .....241
- Barnhill, Some Surgical Principles Essential to the Cure of Frontal Sinus Empyemas.....860
- Barnhill, The Repair of Hare-Lip and Cleft Palate.....814
- Beck, The Surgery of External Nasal Deformities.....753
- Beck, Vaccine Therapy in Some Suppurations of the Nose and Ear, Also Technic for Determining Opsonic Indices.....337
- Blake, Contour and Contents of the Epitympanum in Relation to Suppurative Disease.....593 ✓
- Brawley, An Irrigating Apparatus.....664
- Brawley, The Headache of Non-Suppurative Frontal Sinuitis.....716
- Brown, Notes Upon Two Unusual Frontal Sinus Cases.....891
- Bryan, Report of a Case of Removal of a Foreign Body, a Grain of Corn, From the Trachea of a Child Six Years Old .....735
- Bryant, The Management of Suppuration of Middle Ear Based on an Analysis of a Series of 100 Consecutive Cases Seen in Private Practice .....193
- C.**
- Caldwell, Further Observations on the Roentgen-Ray Examination of the Accessory Nasal Sinuses.....853
- Cancer of the Epipharynx, a Case of Primary—Kiaer .....656
- Carcinoma of Naso-Pharynx and Sphenoid Region Which Responded Favorably to the Use of Radium, A Case of—Yankauer .....363
- Carter, A Case of Hare-Lip Operated by a New Method.....303
- Carter, Cleft-Palate, Report of Case .....301
- Carter, The Treatment of Fracture and Depressed Deformities of the Nose by a New Method With the Use of a Combined Bridge and Intra-Nasal Splints.....653
- Chronic Empyema of the Maxillary Sinus, A Plea for Conservatism in the Treatment of—Moore.....275
- Cleft Palate, The Repair of Hare-Lip and—Barnhill .....814
- Cleft Palate, Report of Case—Carter .....301
- Congenital Detachment of Falcial Pillars and Isolation of Palatoglossus Muscles—Fridenburg.....567
- Congenital Diaphragm of the Larynx—Kiaer .....564
- Conservative Turbinectomy—Watson .....526

ORIGINAL COMMUNICATIONS.—Continued.

Contour and Contents of the Epitympanum in Relation to Suppurative Disease—Blake	593
Cosmetic and Plastic Surgery of the Ear, The—Goldstein	826

D.

Davis, Laryngeal Neoplasms in America	369
Deafness Following Infectious Diseases, Total—Goldbach	530
Deafness With "Tone Island," A Case of Labyrinthine—Shambaugh	343
Dench—The value of the Differential Blood Count and of the Bacteriological examination of the Aural Discharge as Diagnostic Factors in Cases of Mastoid Involvement	958
Different stages of one and the Same Disease or Condition, Purulent Hyperplastic and Atrophic Catarrh—North	124
Dilated Veinlets Upon the External Nose and Septum, Their Permanent Closure With the Positive Galvanic Needle—Freer	280
Diphtheria Bacilli, Removal of Diseased Tonsils and Adenoids to Rid the Throat of—Greene	660
Do We Hear Ourselves as Others Hear Us—Hudson-Makuen	263
Dufour, Hemorrhage Following Tonsillotomy With Cold Wire Snare	385

E.

Ear, The Cosmetic and Plastic Surgery of the—Goldstein	826
Emerson, General Lympho-Sarcoma Accentuated in the Pharynx	90
Epiglottitis, Tubercular Ulceration of the Petrolus Region of the—Reardon	974
Epipharynx, A Case of Primary Cancer of the—Kiaer	656
Epithelioma of the Maxillary Antrum, A Case of Primary—Kopetzky	360
Epitympanum in Relation to Suppurative Disease, Contour and Contents of the—Blake	593
Ether, A New Apparatus for the Administration of—Rupert	662

Eye, The Relation of Pathological Changes in the Accessory Nasal Cavities to Diseases of the—Holmes	898
---	-----

F.

Faucial Pillars and Isolation of Palato-Glossus Muscle, Congenital Detachment of—Fridenburg	567
Faucial Tonsil, A Case of Primary Hemorrhage Following the Removal of the—Stein	387
Fibroma of the Trachea—Sauer	252
Fibro-Myoxma, Involving the Left Superior Maxilla, Including the Alveolus Floor, Anterior and Posterior Walls, and of Seven Years' Duration, A Report of a Case of—Haskin	107
Fletcher—Improvement of Technique in Various Sinus and Mastoid Operations	978
Foreign Body in the Larynx. An Unrecognized—Martinez	366
Foreign Body Extractor, A—Jackson	579
Fractures and Depressed Deformities of the Nose by a New Method With the Use of a Combined Bridge and Intra-Nasal Splints, The Treatment—Carter	683
Freer, Dilated Veinlets Upon the External Nose and Septum.—Their Permanent Closure With the Positive Galvanic Needle	280
Fridenburg, Congenital Detachment of Faucial Pillars and Isolation of Palato-Glossus Muscle	567
Frontal Sinus Cases, Notes Upon Two Unusual—Brown	891
Frontal Sinus Empyemas, Some Surgical Principles Essential to the Cure—Barnhill	860
Frontal Sinus, Establishing the Largest Possible Drainage. An Intra-Nasal Method for Opening the—Good	266
Frontal Sinus, Some Variations in the Anatomy of the—Tunis	884
Frontal Sinus, The Advantages and Disadvantages of the Endo-Nasal Method of Operating for Empyema of the—Skillern	439
Frontal Sinusitis, The Headache of Non-Suppurative—Brawley	716

## ORIGINAL COMMUNICATIONS.—Continued.

- Frontal Sinus, The Operative Treatment of Suppuration of the—Jansen.....870
- Further Observations on the Roentgen Ray Examination of the Accessory Nasal Sinuses—Caldwell.....853
- G.
- Gantt, Report of a Case of Angio-Myxo-Sarcoma of the Larynx With Expulsion of Large Tumor.....738
- General Lympho-Sarcoma Accentuated in the Pharynx—Emerson.....90
- Goldbach, Total Deafness Following Infectious Diseases.....530
- Goldstein, M. A., Retro-Pharyngeal Abscess, Report of Some Unusual Cases.....46
- Goldstein, M. A., The Cosmetic and Plastic Surgery of the Ear.....826
- Goldstein, S., A New Nasal Septal Forceps.....391
- Good, An Intra-nasal Method for opening the Frontal Sinus Establishing the Largest Possible Drainage.....266
- Gradle, The Simulation of Mastoid Disease by Furuncle and Periauricular Abscess.....599
- Grayson, Neuroses of the Nose.....910
- Grayson, Some Surgical Emergencies Associated With the Tuberculous Larynx.....732
- Greenberg, A Suggestion as to the Probable Function of the Malleus, Incus and Stapes.....169
- Greene, Removal of Diseased Tonsils and Adenoids to Rid the Throat of Diphtheria Bacilli.....660
- H.
- Hall, Report of Three Unusual Cases of Nasal Diseases.....572
- Halsted, Report of a Case of Probable Persistent Angio-Neurotic Edema of the Larynx and Soft Palate.....921
- Hare-Lip and Cleft Palate, The Repair of—Barnhill.....814
- Hare-Lip Operated by a New Method, A Case of—Carter.....303
- Harris, A Case of Sub-Glottic Papilloma Cured by Laryngo-Tracheal Fissure, A Case of Branchio-Genetic Cyst.....651
- Haskin, W. H., A Report of a Case of Fibro-Myxoma, Involving the left Superior Maxilla, Including the Alveolus, Floor, Anterior and Posterior Walls, and of Seven Years' Duration.....107
- Hearing Tests, Physiological—Stewart.....699
- Held, Observations on the Temporal Bone.....347
- Hemorrhage Following Quinsy. Ligation of the Common Carotid Artery. Recovery. With a Study of 51 Cases of Hemorrhage in Connection With Pharyngeal Suppuration—Newcomb.....454
- Hemorrhage Following the Removal of the Faucial Tonsil, A Case of Severe Primary—Stein.....387
- Hemorrhage Following Tonsillotomy with Cold Wire Snare—Dufour.....385
- Holmes, Malignant Disease of the Nose.....673
- Holmes, The Relation of Pathological Changes in the Accessory Nasal Cavities to Diseases of the Eye.....898
- Holt, A Case of Unchanged Boy's Voice in a Man Which Was Made Normal by Singing Exercises.....389
- Hyperesthetic Rhinitis (Hay Fever), with Suggestions for Its Rational Treatment, Some Observations on—Stein.....692
- Hypertrophied Turbinals, A Sub-Mucous Operation for the Reduction of—Linhart.....128
- I.
- Iglauer, A Method of Preventing Hemorrhage During Adenectomy.....382
- Improvement of Technique in Various Sinus and Mastoid Operations—Fletcher.....978
- Intra-Cranial Complications of Suppurative Otitis Media, A Consideration of the—Thompson.....535
- Intracranial Complications of Otitic Origin, Some Clinical Observations in—Stucky.....1
- Intra-Cranial Lesions of Otitic Origin—Kyle.....113

## ORIGINAL COMMUNICATIONS.—Continued.

## J.

Jackson, A Foreign Body Extractor .....	579
Jackson, A New Bronchoscope.....	214
Jansen, The Operative Treatment of Suppuration of the Frontal Sinus .....	870
Johnston, Some Interesting Tongue Cases .....	286
Jones, Report of a Case of Extra-Dural Abscess .....	557

## K.

Kelper, Treatment of Suppuration of the Temporal Bone Other Than Surgical .....	605
Klaer, A Case of Primary Cancer of the Epipharynx.....	656
Klaer, Congenital Diaphragm of the Larynx .....	564
Kopetzky, A Case of Primary Epithelioma of the Maxillary Antrum .....	360
Kyle, John J., Intra-Cranial Lesions of Otitic Origin.....	113
Kyle, The Pathology of Atrophic Rhinitis With Ozena.....	423

## L.

Labyrinthine Deafness with "Tone Island," A Case of—Shambaugh.....	343
Laryngeal Growths Removed by Direct Laryngoscopy, A Report of Three Cases of—McCoy.....	560
Laryngeal Neoplasms in America—Davis .....	369
Laryngoscopy—A Report of Three Cases of Laryngeal Growths Removed by Direct—McCoy .....	560
Laryngostomy—Baratoux .....	241
Larynx, An Unrecognized Foreign Body in the—Martinez .....	366
Larynx, Congenital Diaphragm of the—Klaer .....	564
Larynx and Soft Palate, Report of a Case of Probable Persistent Anglo-Neurotic Edema of the—Halsted .....	921
Leland, A New Flap in the Radical Operation .....	917
Lesions of Otitic Origin, Intracranial—Kyle .....	113
Linhart, A Submucous Operation for Reduction of Hypertrophied Turbinates .....	128
Lympho-Sarcoma Accentuated in the Pharynx, General—Emerson ..	90

## M.

Magruder, Unusual Termination of a Case of Acute Mastoiditis.....	666
Makuen, Do We Hear Ourselves as Other Hear Us? .....	263
Malignant Disease of the Nose—Holmes .....	673
Malleus, Incus and Stapes, A Suggestion as to the Probable Function of the—Greenberg .....	169
Martinez, An Unrecognized Foreign Body in the Larynx.....	366
Mastoid Disease by Furuncle of External Meatus and Peri-Auricular Abscess, The Simulation of—Gradle .....	599
Mastoiditis, Unusual Termination of a Case of Acute—Magruder.....	666
Maxillary Antrum, A Case of Primary Epithelioma of the—Kopetzky .....	360
Maxillary Sinus, A Plea for Conservatism in the Treatment of Chronic Empyema of the—Moore .....	275
Mayer—Rhinoscleroma in North America .....	964
Mayer, The Diagnostic Value of Symptoms of the Upper Air Tract in Rheumatism, Gout and Diabetes .....	610
McCaw—Primary Sarcoma of the Naso-Pharynx, Report of Case.....	968
McCoy, A Report of Three Cases of Laryngeal Growths Removed by Direct Laryngoscopy.....	260
McKernon, James F., A Brief Consideration of the Pyogenic Diseases of the Brain of Otitic Origin .....	10
McKernon — The Post-Operative Effects of the Stacke Operation.....	954
McReynolds, Retention in the Maxillary Antrum of an Iron Bolt Three-eighths of an Inch in Thickness and One and Five-eighths Inches in Length for a Period of Four Years Without Important Unpleasant Symptoms .....	215
Middle Ear Deafness, The Relationship Between Degenerate Tonsils and—Reik .....	943
Mills, The Essentials of Voice Production .....	513
Myles, The Treatment of Atrophic Rhinitis, Including Ozena.....	425



## ORIGINAL COMMUNICATIONS.—Continued.

- Moore, A Plea for Conservatism in the Treatment of Chronic Empyema of the Maxillary Sinus ..... 275
- Myles, A Case of Osteo-Chondroma of the Septum with Extensive Absorption of the Cribiform Plate, Tumor Extending into the Cranial Cavity, Sphenoidal and Ethmoidal Cells ..... 981
- N.
- Nasal Cavities to Diseases of the Eye, The Relation of Pathological Changes in the Accessory—Holmes ..... 898
- Nasal Chambers with Some Remarks on the Differential Diagnosis of Epithelial Proliferation, Persistently Recurring Papillomata of the—Wright ..... 81
- Nasal Deformities by the Use of Paraffin, The Correction of—Smith ..... 798
- Nasal Deformities, The Correction of External—Roe ..... 782
- Nasal Deformities, The Surgery of External—Beck ..... 753
- Nasal Diseases, Report of Three Unusual Cases of—Hall ..... 572
- Nasal Septal Forceps, A New—Goldstein ..... 391
- Nasal Sinuses, Further Observations on the Roentgen Ray Examination of the Accessory—Caldwell ..... 853
- Naso-Pharynx and Sphenoid Region Which Responded Favorably to the Use of Radium, A Case of Carcinoma of the—Yankauer ..... 363
- Naso-Pharynx, Report of Case. Primary Sarcoma of the—McCaw ..... 963
- Neoplasms, Laryngeal, in America—Davis ..... 369
- Neuroses of the Nose—Grayson ..... 910
- Newcomb, Hemorrhage Following Quinsy. Ligation of the Common Carotid Artery. Recovery. With Study of 51 Cases of Hemorrhage in connection With Pharyngeal Suppuration ..... 454
- North, Purulent, Hyperplastic and Atrophic Catarrh, Different Stages of One and the Same Disease or Condition ..... 124
- Nose, Malignant Disease of the—Holmes ..... 673
- Nose, Neuroses of the—Grayson ..... 910
- Nose, Rhabdomyoma of the—Vail 933
- Notes Upon Two Unusual Frontal Sinus Cases—Brown ..... 891
- O.
- Observations on the Temporal Bone—Held ..... 347
- Opening the Antrum of Highmore Intra-nasally With an Exhibition of New Instruments, An Original Method of—Vail ..... 38
- Opsonic Indices, Vaccine Therapy in Some Suppurations of the Nose and Ear, Also Technic for determining—Beck ..... 337
- Osteo-Chondroma of the Septum, with Extensive Absorption of the Cribiform Plate, Tumor Extending into the Cranial Cavity, Sphenoidal and Ethmoidal Cells, A Case of—Myles ..... 981
- Otitis Media, A Consideration of the Intra-Cranial Complication of Suppurative Otitis Media—Thompson ..... 535
- Ozena and Atrophic Rhinitis—Rice ..... 435
- Ozena, A Consideration of the "Herd" Theory as an Etiological Factor in—Theisen ..... 417
- Ozena, The Pathology of Atrophic Rhinitis With—Kyle ..... 423
- Ozena, The Treatment of Atrophic Rhinitis, Including—Myles ..... 425
- P.
- Papillomata Cured by Laryngo-Tracheal Fissure. A Case of Sub-Glottic, A Case of Branchio-Genetic Cyst—Harris ..... 651
- Papillomata of the Nasal Chambers With some Remarks on the Differential Diagnosis of Epithelial Proliferation, Persistently Recurring—Wright ..... 81
- Patterson, The Climate of Colorado Etiologically and Therapeutically Considered ..... 705
- Perkins, Accessory Thyroid at Base of Tongue ..... 293
- Persistently Recurring Papillomata of the Nasal Chambers, With Some Remarks on the Differential Diagnosis of Epithelial Proliferation—Wright ..... 81
- Phillips, President's Annual Address, American Laryngological, Rhinological and Otological Society ..... 207

## ORIGINAL COMMUNICATIONS.—Continued.

- Physiological Hearing Tests—  
Stewart ..... 699
- President's Annual Address, American Laryngological, Rhinological and Otolological Society—  
Phillips ..... 207
- Primary Sarcoma of the Nasopharynx, Report of Case—  
Caw ..... 968
- Primary Tuberculosis of the Upper Respiratory and Alimentary Tracts, With Report of Two Cases of Primary Tuberculosis of the Uvula—Willis ..... 621
- Purulent, Hyperplastic and Atrophic Catarrh, Different Stages of One and the Same Disease or Condition—North ..... 124
- Pyogenic Diseases of Brain of Otitic Origin, A Brief Consideration of the—McKernon ..... 10
- Q.**
- Quinsy. Ligation of the Common Carotid Artery. Recovery. With a Study of 51 Cases of Hemorrhage in Connection With Pharyngeal Suppuration, Hemorrhage Following—Newcomb ..... 454
- R.**
- Radical Mastoid Operation, Vaseline Oil in the Dressing of the—  
Roy ..... 135
- Radical Operation, A New Flap in the—Leland ..... 917
- Reardon—Tubercular Ulceration of the Petrolus Region of the Epiglottis ..... 974
- Reik—The Relationship Between Degenerate Tonsils and Middle Ear Deafness ..... 943
- Removal of Diseased Tonsils and Adenoids to Rid the Throat of Diphtheria Bacilli—Greene ..... 660
- Report of a Case of Angio-Myxo Sarcoma of the Larynx, With Expulsion of Large Tumor—  
Gantt ..... 738
- Report of a Case of Extra-Dural Abscess—Jones ..... 557
- Report of a Case of Probable Persistent Angio-Neurotic Edema of the Larynx and Soft Palate—  
Halsted ..... 921
- Report of a Case of Removal of a Foreign Body, a Grain of Corn, From the Trachea of a Child Six Years Old—Bryan ..... 735
- Report of a Case of Tuberculosis of the Tonsil, With Remarks on the Administration of Potassium Iodide in Tuberculosis—Wilson ..... 297
- Report of a Remarkable Case of Sigmoid Sinus Thrombosis With Multiform Septico-Pyemic Complications Extending Over a Period of Four and a Half Months, Ultimate Death—  
Winslow ..... 176
- Report of Three Unusual Cases of Nasal Diseases—Hall ..... 572
- Report of Unusual Cases of Retro-Pharyngeal Abscess—Goldstein ..... 46
- Researches on the Voice—Scripture ..... 161
- Retention in the Maxillary Antrum of an Iron Bolt Three-eighths of an Inch in Thickness and one and Five-eighths Inches in Length for a Period of Four Years Without Important Unpleasant Symptoms—McReynolds ..... 215
- Retro-Pharyngeal Abscess, Report of Some Unusual Cases—  
Goldstein ..... 46
- Rhabdomyoma of the Nose—Vail ..... 933
- Rhinoschleroma in North America—  
Mayer ..... 964
- Rhodes, Supplemental Report of a Case of Xanthoma, With Exhibition of Patient ..... 741
- Rice, Atrophic Rhinitis and Ozena ..... 435
- Richards, The Treatment of Atrophic Rhinitis ..... 429
- Roberts, The Status Lymphaticus With Particular Reference to Anesthesia in Tonsil and Adenoid Operations ..... 724
- Roe, The Correction of External Nasal Deformities ..... 782
- Roentgen-Ray Examination of the Accessory Nasal Sinuses, Further Observations on the—  
Caldwell ..... 853
- Roy, J. N., Vaseline Oil in the Dressing of the Radical Mastoid Operation ..... 135
- Rupert, A New Apparatus for the Administration of Ether ..... 662

## ORIGINAL COMMUNICATIONS.—Continued.

## S.

- Saddle Nose, A New Procedure for the Correction of the—Waxham ..... 394
- Sarcoma, A Case of Intra-Nasal—Aufmwasser ..... 658
- Sarcoma of the Naso-Pharynx, Report of Case, Primary—McCaw ..... 968
- Sauer, Fibroma of the Trachea ..... 252
- Scripture, Researches on the Voice ..... 161
- Saws for Antrum of Highmore—Vail ..... 39
- Shambaugh, A Case of Labrynthine Deafness With "Tone Island" ..... 343
- Sigmoid Sinus Thrombosis, with Multiform Septico-Pyemic Complications Extending Over a Period of Four and a Half Months. Ultimate Death. A Report of a Remarkable Case of—Winslow ..... 176
- Sinus Inflammations and Their Treatment, The Vicious Circle of the Nose, The Rationale of—Ballenger ..... 182
- Sinus and Mastoid Operation, Improvement of Technique in Various—Fletcher ..... 978
- Sinuses, The Drainage Mechanism of the Normal Accessory—Yankauer ..... 518
- Skilern, The Advantages and Disadvantages of the Endo-Nasal Method of Operating for Empyema of the Frontal Sinus ..... 439
- Smith, The Correction of Nasal Deformities by the Use of Paraffin ..... 798
- Some Clinical Observations in Intracranial Complications of Otitic Origin—Stucky ..... 1
- Some Interesting Tongue Cases—Johnston ..... 286
- Some Observations on Hyperesthetic Rhinitis (Hay Fever), With Suggestions for Its Rational Treatment—Stein ..... 692
- Some Surgical Emergencies Associated with the Tuberculous Larynx—Grayson ..... 732
- Some Surgical Principles Essential to the Cure of Frontal Sinus Empyemas—Barnhill ..... 860
- Some Unusual Cases of Retro-Pharyngeal Abscess—Goldstein ..... 46
- Some Variations in the Anatomy of the Frontal Sinus—Tunis ..... 884
- Spratt, The Climate of the North and Northwest in Its Etiologic and Therapeutic Relation to Diseases of the Nose, Throat and Ear ..... 709
- Stacke Operation, The Post-Operative Effects of the—McKernon ..... 931
- Stein, A Case of Severe Primary Hemorrhage Following the Removal of the Faucial Tonsil ..... 387
- Stein, Some Observations on Hyperesthetic Rhinitis (Hay Fever) With Suggestions for Its Rational Treatment ..... 692
- Sterilizable Syringe for Cocainizing Antrum—Vail ..... 40
- Stewart, Physiological Hearing Tests ..... 699
- Stubbs, The Technique of Adenectomy and a Perfected Curette ..... 719
- Stucky, J. A., Some Clinical Observations in Intra-cranial Complications of Otitic Origin ..... 1
- Submucous Turbinatectomy—Wuerdemann ..... 284
- Supplemental Report of a Case of Xanthoma, with Exhibition of Patient—Rhodes ..... 741
- Suppuration of the Frontal Sinus, The Operative Treatment of—Jansen ..... 870
- Suppuration of the Middle Ear Based on an Analysis of a series of 100 Consecutive Cases Seen in Private Practice, The Management of—Bryant ..... 193
- Suppurations of the Nose and Ear, Also Technic for Determining Opsonic Indices, Vaccine Therapy in Some—Beck ..... 337
- Suppurative Disease, Contour and Contents of the Epitympanum in Relation to—Blake ..... 593

## T.

- Temporal Bone, Other Than Surgical, Treatment of Suppuration of the—Keiper ..... 605
- Temporal Bone, Observations on the—Held ..... 347
- Theisen, A Consideration of the "Herd" Theory as an Etiological Factor in Ozena ..... 417



ORIGINAL COMMUNICATIONS.—Continued.

The Advantages and Disadvantage of the Endo-Nasal Method of Operating for Empyema of the Frontal Sinus—Skillern .....	439	The Repair of Hare-Lip and Cleft Palate—Barnhill .....	814
The Antrum of Highmore, An Original Method of Opening Intranasally, with Exhibition of New Instruments—Vail .....	38	The Simulation of Mastoid Disease by Furuncle of the External Meatus and Peri-Auricular Abscess—Gradle .....	599
The Climate of Colorado Etiologically and Therapeutically Considered—Patterson .....	705	The Status Lymphaticus with Particular Reference to Anesthesia in Tonsil and Adenoid Operation—Roberts .....	724
The Climate of the North and Northwest in the Etiologic and Therapeutic Relation to Diseases of the Ear, Nose and Throat—Spratt .....	709	The Surgery of External Nasal Deformities—Beck .....	753
The Correction of Nasal Deformities by the Use of Paraffin—Smith .....	798	The Technique of Adenectomy and a Perfected Curette—Stubbs .....	719
The Correction of External Nasal Deformities—Roe .....	782	The Treatment of Atrophic Rhinitis—Richards .....	429
The Cosmetic and Plastic Surgery of the Ear—Goldstein .....	826	The Treatment of Atrophic Rhinitis Including Ozena—Myles .....	425
The Diagnostic Value of Symptoms of the Upper Air Tract in Rheumatism, Gout and Diabetes—Mayer .....	610	The Treatment of Fractures and Depressed Deformities of the Nose by a New Method, with the Use of a Combined Bridge and Intra-Nasal Splints—Carter .....	683
The Drainage Mechanism of the Normal Accessory Sinuses—Yankauer .....	518	The value of the Differential Blood Count and of the Bacteriological Examination of the Aural Discharge as Diagnostic Factors in Cases of Mastoid Involvement—Dench .....	953
The Essentials of Voice Production—Mills .....	513	The "Vicious Circle" of the Nose. The Rationale of Sinus Inflammations and Their Treatment—Ballenger .....	182
The Headache of Non-Suppurative Frontal Sinuitis—Brawley .....	716	Thompson, A Consideration of the Intra-Cranial Complication of Suppurative Otitis Media .....	535
The Management of Suppuration of the Middle Ear Based on an Analysis of a Series of 100 Consecutive Cases Seen in Private Practice—Sohier-Bryant .....	193	Thyroid at Base of Tongue, Accessory—Perkins .....	293
The Operative Treatment of Suppuration of the Frontal Sinus—Jansen .....	870	Tongue Cases, Some Interesting—Johnston .....	286
The Pathology of Atrophic Rhinitis with Ozena—Kyle .....	423	Tonsil, with Remarks on the Administration of Potassium Iodide in Tuberculosis, Report of a Case of Tuberculosis of the—Wilson .....	297
The Post-Operative Effects of the Stacke Operation—McKernon .....	954	Tonsillotomy with Cold Wire Snare, Hemorrhage Following—Dufour .....	385
The Relation of Pathological Changes in the Accessory Nasal Cavities to Diseases of the Eye—Holmes .....	898	Total Deafness Following Infectious Diseases—Goldbach .....	530
The Rationale of Sinus Inflammations and Their Treatment, The "Vicious Circle" of the Nose—Ballenger .....	182	Trachea, Fibroma of the—Sauer .....	252
The Relationship Between Degenerate Tonsils and Middle-Ear Deafness—Reik .....	943	Trachea of a Child Six Years Old, Report of a Case of Removal of a Foreign Body, A Grain of Corn, From the—Bryan .....	735
		Treatment of Atrophic Rhinitis—Richards .....	429

## ORIGINAL COMMUNICATIONS.—Continued.

- Treatment of Suppuration of the Temporal Bone Other Than Surgical—Keiper ..... 605
- Tubercular Ulceration of the Petiolus Region of the Epiglottis—Reardon ..... 974
- Tuberculosis of the Upper Respiratory and Alimentary Tracts, with Report of Two Cases of Primary Tuberculosis of the Uvula, Primary—Willis ..... 621
- Tuberculous Larynx, Some Surgical Emergencies Associated with the—Grayson ..... 732
- Tunis, Some Variations in the Anatomy of the Frontal Sinus—884
- Turbinectomy, Conservative —Watson ..... 926
- Turbinectomy, Submucous—Wuerdemann ..... 284
- U.
- Unusual Termination of a Case of Acute Mastoiditis—Magruder ..... 666
- Upper Air Tract in Rheumatism, Gout and Diabetes, The Diagnostic Value of Symptoms of the—Mayer ..... 610
- Uvula, Primary Tuberculosis of the Upper Respiratory and Alimentary Tracts, with Report of Two Cases of Primary Tuberculosis of the—Willis ..... 621
- V.
- Vall, Derrick T., An Original Method of Opening the Antrum of Highmore Intra-Nasally, with Exhibition of Instruments ..... 38
- Vall—Rhabdomyoma of the Nose ..... 933
- Vaccine Therapy in Some Suppurations of the Nose and Ear, Technic for Determining Opsonic Indices—Beck ..... 337
- Vaseline Oil in the Dressing of the Radical Mastoid Operation—Roy ..... 135
- Voice in a Man Which Was Made Normal by Singing Exercises, A Case of Unchanged Boy's—Holt ..... 389
- Voice Production, The Essentials—Mills ..... 513
- Voice, Researches on the—Scrip-ture ..... 161
- W.
- Watson, Conservative Turbinectomy ..... 926
- Waxham, A New Procedure for the Correction of the Saddle Nose ..... 394
- Willis, Primary Tuberculosis of the Upper Respiratory and Alimentary Tracts, with Report of Two Cases of Primary Tuberculosis of the Uvula ..... 621
- Wilson, Report of a Case of Tuberculosis of the Tonsil, With Remarks on the Administration of Potassium Iodide in Tuberculosis ..... 297
- Winslow, Report of a Remarkable Case of Sigmoid Sinus Thrombosis With Multiform Septicopyemic Complications Extending over a Period of Four and a Half Months.—Ultimate Death ..... 176
- Wright, Persistently Recurring Papillomata of the Nasal Chambers, with Some Remarks on the Differential Diagnosis of Epithelial Proliferation ..... 81
- Wuerdemann, Submucous Turbinectomy ..... 284
- X.
- Xanthoma, with Exhibition of Patient, Supplemental Report of a Case of—Rhodes ..... 741
- Y.
- Yankauer, A Case of Carcinoma of the Naso-Pharynx and Sphenoid Region Which Responded Favorably to the Use of Radium ..... 363
- Yankauer, The Drainage Mechanism of the Normal Accessory Sinuses ..... 518

## SOCIETY PROCEEDINGS.

- The American Laryngological Association,**  
 .....74, 156, 231, 322, 404, 488, 589
- A Case of Bilateral Abductor Paralysis of the Larynx—Knight**.....589
- A Case of Diphtheria of the Skin of Three Years' Duration, Treated by Anti-Toxin—Slater**.....292
- A Case of Epithelioma of the Tongue. Operation, Recovery—Myles**.....510
- A Case of Spasm of the Esophagus—Farlow**.....322
- A Review of the Methods in Use for the Removal of Adenoids, With a Description of a Method Which is Thorough, Rapid and Safe—Richards**.....492
- Continuation of Discussion of Dr. Coakley's Paper**.....156, 231
- Demonstration of New Instruments for Bronchoscopy and Oesophagoscopy—Killian**.....408
- Discussion of Dr. Goodale's Paper Continued**.....404
- Epithelioma, Total Laryngectomy, Including the Removal of Part of the Trachea, Death From Pneumonia on the Thirteenth Day—Theisen**.....589
- Erysipelas and Its Relation to Purulent Inflammations of the Nasal and Aural Cavities—Holmes**.....591
- Is There an Ideal Operation for the Correction of Deviations of the Nasal Septum—Gibb**.....590
- Large Tumor of the Laryngo-Pharynx Removed by Sub-Hyoid Pharyngotomy—Chappell**.....591
- Ligation of the External Carotid Artery. Considered From a Rhinological and Pharyngological Viewpoint—Jackson**.....589
- Local Anaesthesia in Operations on the Maxillary Sinus—King**.....505
- Massage of the Pharynx. Exhibition of Instruments Used for the Purpose by a Famous Actor—Langmaid**.....76
- Modern Procedures in Excision of Intrinsic Malignant Growths of the Larynx—Solis-Cohen**.....411
- Myxofibroma of the Naso-Pharynx, Causing Disfigurement, Report of a Case and Exhibition of Specimen—Kyle**.....507
- Non-Recurrent Carcinoma of the Larynx Removed From the Natural Passages—Ingals**.....411
- Ophthalmological Manifestations of Latent Diseases of the Nose and Its Accessory Sinuses. Report of Illustrating Cases—Packard**.....236
- Removal of Papillomata of the Larynx by Direct Instrumentation With the Aid of Killian's Tubes—Coakley**.....79
- Report of a Case of Epithelioma of the Larynx, Removal by Thyrotomy and no Recurrence After Three and One-half Years—Swain**.....411
- Sarcoma of the Pharynx in a Child of Eight Years, With Autopsy Finding, and Microscopical Report—Theisen**.....590
- Some Considerations Relative to the Lymphoid Tissue of the Fauces in the Systemic Infections—Goodale**.....328
- Straightening the Nasal Septum—Watson**.....499
- The Construction of the Ethmoid Labyrinth—Shambaugh**.....592
- The Problem of Asepsis in Routine Office Work—Hubbard**.....488
- Tuberculosis of the Accessory Sinuses of the Nose—Gleitsmann**.....74
- Chicago Laryngological and Otological Society,**  
 .....86, 151, 317, 395, 483, 745, 1005
- Abscess Cavity Extending over Middle Ear, Parotid Gland, Tonsils, etc., Operation, Recovery. Nasal Tumor (Tuberculo-ma) for Diagnosis—Hollinger**.....1006
- A Case of Labyrinthine Deafness With Tone Island—Shambaugh**.....72
- Anatomy of Frontal Sinus—Wilson**.....317
- Bony Septal Deflection—Freer**.....154
- Case of Cholesteotoma Causing Erosion into the Horizontal Semi-circular Canal—Shambaugh**.....1009
- Case of Headache Caused by Non-Suppurative Frontal Sinuitis—Brawley**.....486
- Chondroma and Osteoma in Facial Tonsils—Grosvenor**.....487

## SOCIETY PROCEEDINGS.—Continued.

Chronic Suppurative Otitis Media, With Thrombosis of Lateral Sinus and Jugular Bulb, Erosion of Facial Canal and Cerebellar Abscess. Operation and Re- covery—Pierce .....	483	A Case of Epithelioma of the Larynx After Being Well for Six Years, Has a Growth of Doubtful Pathology on Opposite Cord—Myles .....	58
Cyst of Epiglottis, Foreign Body in Left Bronchus, Ranula, Par- affinoma—Beck .....	1005	A Case of Excision of a Tubercu- lar Infiltration of the Epiglottis and a Brief History of Two Similar Cases—Gleitsman .....	306
Cyst of the Epiglottis—Beck .....	395	A Case of Hare-Lip Operated by a New Method—Carter .....	140
Dentigerous Cyst—Andrews .....	745	A Case of Infiltration of the Larynx, Probably Syphilitic— Newcomb .....	140
Differential Diagnosis Between In- volvements of the Labyrinth and Hysteria in a Case of Double Suppurative Otitis Media—Hol- inger .....	750	A Case of Laryngeal Leprosy— Fox .....	307
Excision of the Jugular Bulb— Beck .....	395	A Case of Neglected Syphilis With Marked Destruction of the Nose, Nasal Cavities and Tongue —Abraham .....	216
Exfoliation of the Labyrinth— Andrews .....	748	A Case of Osteochondroma of the Septum With Extensive Ab- sorption of the Cribriform Plate, Tumor Extending Into the Cranial Cavity, Sphenoidal and Ethmoidal Cells—Myles.....	305, 469
Healed Primary Nasal Tubercu- losis—Beck .....	68	A Case of Post Operative Cleft Palate—Carter .....	57
Intra-Nasal Drainage of Frontal Sinus—Holinger .....	151	A Case of Trichinosis Involving the Upper Respiratory Air Pas- sages—MacKenty .....	218
Killian Bronchoscopy Instruments —Marquis .....	154	A Case of Tumor of the Pharynx —Delavan .....	144
Non-Suppurative Involvement of the Labyrinth in the Course of Mumps, With Report of Two Cases—Boot .....	746	A Consideration of the "Herd" Theory as an Etiological Factor of Ozena—Theisen .....	311, 471
Opening the Frontal Sinus—Good ..	317	A Modified Spectacle Frame for Supporting a Face Mask .....	230
Radiography in the Nose, Throat and Ear—Beck .....	70	A New Adenoid Curette .....	230
Salivary Calculus—Gradle .....	485	A Report of Three Cases of Laryn- geal Growth Removed by Direct Laryngoscopy—McCoy .....	587
Sarcoma of Root of Tongue—Cor- win .....	155	Abscess of Both Nostrils. With Saddleback Deformity Corrected by Paraffin Injection—Smith ..	217
Subjective Sensations of Smell and Their significance—Kahn .....	400	Atrophic Rhinitis and Ozena— Rice .....	471
Tabes With Laryngeal Crises— Freer .....	398	Case of Carcinoma Developing From a Chronic Leukoplakia Buccalis—Abraham .....	58
Technic of Adenectomy and a Per- fected Curette—Stubbs .....	402	Case of Excision of the Tonsils— Myles .....	471
The Simulation of Mastoid Disease by Furuncle of the External Meatus and Peri-Auricular Ab- scess—Gradle .....	485	Case of Laryngismus Stridulus— Harris .....	309
Tubercular Laryngitis—Sham- baugh .....	483	Case of Offensive Ozena—Myles.....	470
Tumors of Neck—Fisk .....	68	Case of Sinus Thrombosis—Vois- lawsky .....	990
Xanthoma—Rhodes .....	483		
New York Academy of Medicine, .....57, 140, 216, 305, 469, 580, 667, 983			
A Case of Cerebral Abscess of Na- sal Origin—Freudenthal .....	988		
A Case of Congenital Palate Re- cently Operated Upon—Leshure..	57		

## SOCIETY PROCEEDINGS.—Continued.

- Collateral Edema of the Larynx  
Due to an Infection of the Lower Pharynx, Recovery—Leder-  
man ..... 995
- Congenital Atresia of the Pharynx  
—Oppenheimer ..... 580
- Congenital Detachment of Fau-  
cial Pillars and Isolation of Palato-  
Glossus Muscle—Fridenberg..... 580
- Demonstration of Instrument for  
Opening the Frontal Sinus  
Through the Nose—Yankauer..... 588
- Demonstration of New Method of  
Introducing a Posterior Tam-  
ponade—Wolff ..... 229
- Exhibition of Foreign Body Re-  
moved From Bronchus—Yan-  
kauer ..... 225
- Exhibition of New Tonsil and Pil-  
lar Separator—McCoy ..... 228
- Frontal Sinus Diseases—Jansen..... 667
- Further Report of the Progress of  
Experiments with Lactic Acid  
Bacilli and Exhibition of Cases  
—Curtis ..... 996
- Hematoma and Abscess of the  
Septum—Newcomb ..... 219
- Hyperplasia of the Larynx—  
Gleitsmann ..... 141
- Intra-Nasal Drainage of Frontal  
Sinus—Ingals ..... 144
- Microscopic Findings on Two  
Laryngeal Cases—Harris ..... 59
- Pemphigus of Soft Palate—Hurd... 310
- Post Operative Cleft Palate. A  
Case of—Carter ..... 57
- Presentation of a Number of  
Historical Instruments, The Gift  
of Dr. N. S. Jarvis—Delavan... 229
- Presentation of Chisel and Com-  
bination Instruments — Abra-  
ham ..... 1003
- Radiographs Illustrating the  
Normal Topography of the  
Pneumatic Sinuses of the Face,  
—Tousey ..... 144
- Removal of an Obstruction from  
the Oesophagus of a Child by  
Means of Direct Oesophagosc-  
opy—McCoy ..... 991
- Report of Cases Treated by Means  
of the Author's Combined  
Bridge and Intra-Nasal Splint  
for the Correction of Depressed  
Fractures and Deformities of  
the Nose—Carter ..... 983
- Researches on the Voice With  
Demonstrations of the Methods  
of Recording and Analyzing by  
the Phonograph, Gramophone  
and Graphic Apparatus—Scrip-  
ture ..... 59
- Some Points Concerning the Surg-  
ical Principles Involved in the  
Treatment of Frontal Sinus  
Suppuration—Barnhill ..... 667
- Submucous Knife—Avery ..... 1003
- Symposium, The Diagnostic Value  
of Symptoms of the Upper Re-  
spiratory Tract in General  
Disease ..... 472
- A. In Nervous Diseases—Harris..... 472
- B. In Syphilis and Tuberculosis  
—Bosworth ..... 474
- C. In Rheumatism, Gout and  
Diabetes—Mayer ..... 477
- The Drainage Mechanism of the  
Normal Accessory Sinuses—  
Yankauer ..... 585
- The Pathology of Atrophic Rhin-  
itis With Ozena—Kyle ..... 471
- The Relations of the Dental  
Arches to Pathologic Affections  
of the Naso-Pharynx and Adja-  
cent Parts—Bogue ..... 64
- The Treatment of Atrophic Rhin-  
itis, Including Ozena—Myles..... 471
- The Treatment of Atrophic Rhin-  
itis, Including Ozena—Richards 311
- The Treatment of Fracture and  
Depressed Deformities of the  
Nose by a New Method With  
the Use of a Combined Bridge  
and Intra-Nasal Splints—Carter. 582
- Thyroidectomy for Malignant Ex-  
ophthalmic Goitre—MacKenty.. 994
- Treatment of Atrophic Rhinitis—  
Richards ..... 311, 471
- Tubercular Ulceration of Soft  
Palate—McCoy ..... 216
- Tumor of the Epiglottis—Thur-  
ber ..... 995
- Tumor of the Larynx—Voislowsky 991
- Two Laryngeal Cases, Microscopic  
Findings on—Harris ..... 59



## ABSTRACTS.

- A Case of Abnormal Development of the Esophagus—Spicer ..... 160
- A Case of Ankylosis of the Stapes Schilling ..... 925
- A Case of Malignant Tumor of the Thyroid Gland—Klopper... 890
- A Case of Neurofibromatosis (Recklinghausen's Disease) with Involvement of the Ear—Hammerschlag ..... 883
- A Case of Primary Bilateral Mastoiditis—Goldsmith ..... 715
- A Case of Vincent's Angina in which the Larynx and Trachea Were Involved—Bruce ..... 422
- A Contribution to the Pathology of the Labyrinth—Zeroni ..... 175
- A Fatal Case of Anglo-Neurotic Oedema—Bazett ..... 381
- A Foreign Body in the Larynx—Bergh ..... 704
- A Nasal Syringe for Infants—Escat ..... 150
- A Note of Hypopharyngoscopy—Barwell ..... 920
- A Recent Development of the Radical Mastoid Operation—Gibson ..... 598
- A Trial of Inhalations of Phenylpropiolate of Sodium with Bulling's Apparatus—Bucher ..... 123
- Acute Disease of the Eye Following Acute Nasal Disease—Baumgarten ..... 916
- Adenoid Hypertrophy and Adenectomy—Genes ..... 127
- Alexander—Chronic Ossifying Labyrinthitis ..... 80
- Alexander—The Surgical Treatment of Otogenic Meningitis..... 967
- Alypin in Otology—Burkner ..... 292
- Antrausis After a Prosthetic injection of Paraffin for Saddle Nose—Mintz ..... 797
- An Attempt to Treat Tuberculous Affections of the Pharynx and of the Larynx with Trichloracetic Acid—Okouneff ..... 718
- An Isolated Primary Carcinoma of the Trachea—Hoffmann ..... 942
- Baber. On the Megaphone in Cases of Deafness ..... 434
- Bacteriology of a Case of Stomatitis in Course of La Grippe—Montfort and Fostineau..... 73
- Barany, Counter-Rotation of the Eye-ball Associated With Disease of the Labyrinth..... 869
- Barwell, Note of Hypopharyngoscopy ..... 920
- Baumgarten, Acute Diseases of the Eye Following Acute Nasal Disease ..... 916
- Bazett, A Fatal Case of Anglo-Neurotic Oedema ..... 381
- Bergh, A Foreign Body in the Larynx ..... 704
- Bier's Hyperaemia, Special Application to Diseases of the Eye and Ear—Miller ..... 534
- Bisson, Tracheotomy in Slight Respiratory Obstruction Associated With Febrile Toxaemia..... 744
- Bobone, A Severe Case of Tuberculosis of the Tonsil, The Pillars, Uvula, Pharynx and Nasopharyngeal Cavity, Quickly and Permanently Cured by Methylene Blue ..... 304
- Boenninghaus, Neuralgia of the Throat ..... 134
- Botey, Injection of Solid Paraffin in Ozena ..... 37
- Bruce, A Case of Vincent's Angina in Which the Larynx and Trachea Were Involved..... 422
- Bucher, A Trial of Inhalations of Phenylpropiolate of Sodium With Bulling's Apparatus ..... 123
- Bucher, Radical Operation for Chronic Empyema of Antrum of Highmore ..... 89
- Burkner, Alypin in Otology..... 292
- Canepelle—Foreign Bodies in the Larynx ..... 1012
- Case of Acute Suppuration in a Thyroid Adenoma Due to the Bacillus Typhosus—Melandri and Legg ..... 559
- Caseous Maxillary Sinusitis—Johnston ..... 106
- Chronic Ossifying Labyrinthitis—Alexander ..... 80
- Clarke, E. E., The Falsetto or Eunuchoid Voice ..... 365
- Couch, Some Experiences in Intubation and Tracheotomy ..... 112
- Counter-Rotation of the Eye-Ball Associated with Disease of the Labyrinth—Barany ..... 869
- Critical Remarks upon Empyema of the Saccus Endo-Lymphaticus, and the Importance of the Aqueductus Vestibuli as a Path of Infection—Wagener ..... 737

## ABSTRACTS.—Continued.

- Dawson, Roentgen Rays as an Aid to Diagnosis of Stricture of the Oesophagus ..... 434
- Diphtheritic Inflammation of the Middle Ear—Lewin ..... 168
- Disease of the Scar After Radical Operation—Iwanoff ..... 869
- Disturbances of Taste in Chronic Middle Ear Suppuration—Kander ..... 708
- Effects of Faulty Eye, Ear, Nose and Throat Conditions upon the Mental Development of School Children—True ..... 963
- Escat, A Nasal Syringe for Infants ..... 150
- Ferri, Laryngofissure for Papillomata ..... 390
- Fleischmann, The Bier Treatment of Middle Ear Disease ..... 916
- Foreign Bodies in the Larynx—Canepele ..... 1012
- Foreign Body in the Right Bronchus—Winckler ..... 251
- Gayet, Nasal Suppuration Due to a Rhinolith Causing Complications Simulating a Gastric Affection ..... 386
- Genes, Adenoid Hypertrophy and Adenectomy ..... 127
- Gibson, A Recent Development of the Radical Mastoid Operation ..... 593
- Ghauffard, Primary Perforating Epithelioma of the Velum Palati ..... 416
- Goldsmith, A Case of Primary Bilateral Mastoiditis ..... 715
- Guisez, Radical Cure of Chronic Suppurative Otitis Associated With Mental Confusion ..... 386
- Hammerschlag, A Case of Neurofibromatosis (Recklinghausen's Disease), With Involvement of the Ear ..... 883
- Hartman, Nasal Headache and Neurasthenia ..... 279
- Hartman, The Use of Sodium Perborate in Laryngology and Otology ..... 672
- Health and Development of School Children—Leslie ..... 192
- Hoffmann—An Isolated Primary Carcinoma of the Trachea ..... 942
- Injection of Solid Paraffin in Ozena—Botey ..... 37
- Iwanoff, Disease of the Scar After Radical Operation ..... 869
- Jehle, The Meningococcus and the Micrococcus Catarrhalis in the Naso-Pharynx ..... 292
- Johnston, Caseous Maxillary Sinusitis ..... 106
- Kander, Disturbances of Taste in Chronic Middle Ear Suppuration ..... 708
- Katz—Otosclerosis in a Cat ..... 982
- Klepper, A Case of Malignant Tumor of the Thyroid Gland ..... 890
- Kretschmann, Parotid Fistula After Mastoid Operation ..... 743
- Kronenberg, Motor Paralysis of the Superior Laryngeal Nerve ..... 715
- Labyrinthitis, Chronic Ossifying—Alexander ..... 80
- Laryngeal and Pulmonary Syphilis, Elimination of a Necrosed Arytenoid. Cure—Ranard ..... 604
- Laryngofissure for Papillomata—Ferri ..... 390
- Leslie, Health and Development of School Children ..... 192
- Leutert, The Bier Treatment in Otology ..... 393
- Lewin, Diphtheritic Inflammation of the Middle Ear ..... 168
- Loeb—The Radical Mastoid Operation for Chronic Suppurative Otitis Media ..... 1004
- Manson, Open Safety Pin in the Oesophagus of a Child Aged Five Months ..... 563
- Melandri and Legg, Case of Acute Suppuration in a Thyroid Adenoma Due to the Bacillus Typhosus ..... 559
- Meningococcus-Pharyngitis as the Means of Propagating Epidemic Cerebro-Spinal Meningitis—Osterman ..... 175
- Miller, The Reduction of the Tip Tilted Nose ..... 56
- Miller, Bier's Hyperaemia, Special Application to Diseases of the Eye and Ear ..... 534
- Mintz, Amurosis After a Prosthetic Injection of Paraffin for Saddle Nose ..... 797
- Mollist, The Efficacy of Adrenalin Chloride in Some Forms of Suppurative Otitis ..... 134
- Motor Paralysis of the Superior Laryngeal Nerve—Kronenberg ..... 715
- Nasal Headache and Neurasthenia—Hartman ..... 279
- Nasal Suppuration Due to a Rhinolith Causing Complications Simulating a Gastric Affection—Gayet ..... 386

## ABSTRACTS.—Continued.

- Neuralgia of the Throat, Boeninghaus .....134
- Non-Tuberculous Intra-Nasal and Post-Nasal Abnormalities, Their Regarded Association With Tuberculosis—Rivers .....579
- Note on a Case of Fenestration of the Anterior Pillars of the Fauces—Williams .....663
- Note on the Removal of an Open Safety Pin in the Oesophagus of a Child Aged Five Months—Paterson .....672
- Oedematous Nodules of the Vocal Cords—Rethi .....897
- Okounoff, An Attempt to Treat Tuberculous Affection of the Pharynx and of the Larynx With Trichloracetic Acid .....718
- On the Megaphone in Cases of Deafness—Baber .....434
- Open Safety Pin in the Oesophagus of a Child Aged Five Months—Manson .....563
- Osterman, Meningococcus-Pharyngitis as the Means of Propagating Epidemic Cerebro-Spinal Meningitis .....175
- Otosclerosis in a Cat—Katz .....982
- Ozena, Injection of Solid Paraffin in—Botey .....37
- Palato-Glossus Muscle, Congenital Detachment of Faucial Pillars and Isolation of—Fridenburg .....567
- Paraffin Protheses—Wederhake .....279
- Parotid Fistula After Mastoid Operation—Kretschmann .....743
- Paterson, Note on the Removal of an Open Safety Pin in the Oesophagus of a Child Aged Five Months .....672
- Primary Melanosis of the Palate, Naso-Buccal Fistula of Recent Sarcomatous Origin—Roy .....718
- Primary Perforating Epithelioma of the Velum Palati—Ghauffard .....416
- Radical Cure of Chronic Suppurative Otitis Associated With Mental Confusion—Gulsez .....386
- Radical Operation for Chronic Empyema of Antrum of Highmore—Bucher .....89
- Ranlard, Laryngeal and Pulmonary Syphilis, Elimination of a Necrosed Arytenoid, Cure .....604
- Rethi, Oedematous Nodules of the Vocal Cords .....897
- Rivers, Non-Tuberculous Intra-Nasal and Post-Nasal Abnormalities, Their Regarded Association With Tuberculosis .....579
- Röntgen Rays as an Aid to the Diagnosis of Stricture of the Oesophagus—Dawson .....434
- Rossi-Marcelli, Tuberculous Adenoid Vegetations With Demonstration of Koch's Bacillus .....571
- Roy, Primary Melanosis of the Palate, Naso-Buccal Fistula of Recent Sarcomatous Origin .....718
- Ruprecht, Alynin and Novocain .....67
- Schilling, A Case of Ankylosis of the Stapes .....925
- Some Experiences in Intubation and Tracheotomy—Couch .....112
- Spicer, A Case of Abnormal Development of the Esophagus .....160
- Spirographs or Nasal Breath Pictures—Wingrave .....556
- The Bier Treatment of Middle Ear Disease—Fleischmann .....916
- The Bier Treatment in Otology .....393
- The Efficacy of Adrenalin Chloride in Some Forms of Suppurative Otitis—Molist .....134
- The Falsetto or Eunuchoid Voice—Clarke .....365
- The Meningococcus and the Micrococcus Catarrhalis in the Naso-Pharynx—Jehle .....292
- The Radical Mastoid Operation for Chronic Suppurative Otitis Media—Loeb .....1004
- The Reduction of the Tip Tilted Nose—Miller .....56
- The Surgical Treatment of Otogenic Meningitis—Alexander .....967
- Tip Tilted Nose, The Reduction of the—Miller .....56
- The Use of Sodium Per-Borate in Laryngology and Otology—Hartmann .....672
- Tracheotomy in Slight Respiratory Obstruction Associated With Febrile Toxemia—Bisson .....744
- Treatment of Innocent Laryngeal Growths by the Galvano-Cautery Wylie .....529
- True—Effects of Faulty Eye, Ear, Nose and Throat Conditions Upon the Mental Development of School Children .....963
- Tuberculous Adenoid Vegetations With Demonstration of Koch's Bacillus—Rossi-Marcelli .....571

## ABSTRACTS.—Continued.

Wagener, Critical Remarks Upon Empyema of the Saccus En- dolymphaticus, and the Impor- tance of the Aqueductus Vesti- buli as a Path of Infection.....	737	Williams, Note on a Case of Fenestration of the Anterior Pillars of the Fauces.....	663
Wederhake, Paraffin Protheses.....	279	Winckler, Foreign Body in the Right Bronchus .....	251
Whyllie, Treatment of Innocent Laryngeal Growths by the Gal- vano Cautery .....	529	Wingrave, Spirographs or Nasal Breath Pictures .....	556
		Zeroni, A Contribution to the Pathology of the Labyrinth.....	175